Amendments to the Specification:

Please replace paragraph beginning on page 14, line 20 with the following amended paragraph:

The router 190 can send packets in parallel through the separate pathways of cellular or Bluetooth™. For example, if a Bluetooth™ connection is established, the router 190 knows which address it is looking at and will be able to immediately route packets using another connection standard. In doing this operation, the router 190 pings its environment to decide on optimal transmission medium. If the signal reception is poor for both pathways, the router 190 can send some packets in parallel through both the primary and secondary communication channel (cellular and/or Bluetooth™) to make sure some of the packets arrive at their destinations. However, if the signal strength is adequate, the router 190 prefers the Bluetooth™ mode to minimize the number of subscribers using the capacity-limited and more expensive cellular system at any give time. Only a small percentage of the device 100, those that are temporarily outside the ~~Bluetooth~~ Bluetooth™ coverage, represents a potential load on the capacity of the cellular system, so that the number of mobile users can be many times greater than the capacity of the cellular system alone could support.

Please replace paragraph beginning on page 15, line 11 with the following amended paragraph:

FIGS. 2-5 show exemplary embodiments to conserve power in a system with a plurality of processing elements or units 310, 312, 314, 316 and 318. In these embodiments, processing units 310-312 operate in parallel, while processing units 314, 316, and 318 operate in seriatim based on the previous processing unit's outputs. Multiple instructions are executed at the same time in the different execution units 310, 312, 314, 316 and 318, as long as these instructions do not contend for the same resources (namely, shared memory). As discussed below, power can be saved by varying the clock frequency, the core voltage or a combination thereof, if necessary, to reduce heat or to reduce battery power consumption.

Please replace paragraph beginning on page 19, line 14 with the following amended paragraph:
The processor 220 drives an internal bus 226. Through the bus 226, the computer system can access data from the ROM 221 or RAM 222, or can acquire I/O information such as visual information via a charged coupled device (CCD) 228. The CCD unit 228 is further connected to a lens assembly (not shown) for receiving and focusing light beams to the CCD for digitization.

Images scanned via the CCD unit 228 can be compressed and transmitted via a suitable network such as the Internet, through ~~Bluetooth~~ <u>Bluetooth</u>^{TM} channel, cellular telephone channels or via facsimile to a remote site.